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Optical tweezers with multiple optical forces using double **hologram** interference
WM Lee, XC Yuan, DY Tang, PJ Rodrigo, RL Eriksen, ... - Opt. Express, 2003 - opticsexpress.org
... 2. Michelson **interferometer** coupled with a **hologram**. ... B is a computer-generated **hologram** (CGH) imprinted onto 35 ... the path length, which will **rotate** the intensity ...
Cited by 5 - Web Search - opticsexpress.org - adsabs.harvard.edu

Stroboscopic **interferometer**
JS HARRIS, RL FUSEK, JS MARCHESKI - Applied Optics, 1979 - ao.osa.org
... ho- logram was recorded while the object was **rotating**. ... required for exposure of the **hologram** was 5 ... For the **interferometer** de- veloped, the television cameras ...
Cited by 4 - Web Search - aoot.osa.org - adsabs.harvard.edu - csa.com - all 5 versions »

Fringe localization and visibility in classical **hologram** interferometers
WH STEEL - OPTICA ACTA, 1970 - taylorandfrancis.metapress.com
... to the other must be a **rotation** about B and this **rotation** gives rise to ... fringe visibility and fringe shape and number in a **hologram interferometer** are not ...
Cited by 3 - Web Search - csa.com

Controlled **rotation** of optically trapped microscopic particles
L Paterson, MP MacDonald, J Arlt, W Sibbett, PE ... - Science, 2001 - copilot.caltech.edu
... path length of one arm of the **interferometer** instead of ... we see three trapped 5- m silica spheres **rotate** in this ... L, lens; M, mirror; H, **hologram**; GP, glass plate ...
Cited by 57 - View as HTML - Web Search - dx.doi.org - sciencemag.org - adsabs.harvard.edu - all 8 versions »

Attainment of High Resolution Holographic Fourier Transform Spectroscopy
T Dohi, T Suzuki - Applied Optics, 1971 - aoot.osa.org
... on the plane of the mirror, M4 by **rotating** the mirrors ... fringes produced by the diffracted beams are re- corded as the **hologram**. ... The **interferometer**, shown in Fig ...
Cited by 3 - Web Search - ao.osa.org - aoot.osa.org - csa.com - all 5 versions »

Lateral shear **interferometer** using twin three-beam holograms
K MATSUDA - Applied Optics, 1980 - ao.osa.org
... of H(2+A) was produced by slightly **rotating** mirror M ... **Hologram** H 2 was formed by the three-beam interfer ... The amount of shear in this **interferometer** is decided by ...
Cited by 4 - Web Search - aoot.osa.org - adsabs.harvard.edu - csa.com - all 5 versions »

Holographic lateral shear **interferometer**
D MALACARA, S MALLICK - Applied Optics, 1976 - ao.osa.org
... II. Description of the **Interferometer** Let us consider in Fig. ... reference mirror M 1 . A double exposure **hologram** can be made by **rotating** the photographic ...
Web Search - aoot.osa.org - adsabs.harvard.edu - csa.com - all 6 versions »

Development of a holographic polaro-**interferometer** to study long-scale length plasmas
GD Guttmann, C Gomez, J Fernandez - Review of Scientific Instruments, 1992 - link.aip.org
Development of a holographic polaro-**interferometer** to study long ... beam phase are recorded in a single **hologram**. ... magnetic field (ie, the Faraday **rotation**) of the ...
Web Search - adsabs.harvard.edu

... microscopy using a peculiar holographic illuminating system and rotary shearing **interferometer**
D Courjon, J Bulabois - Journal of Optics, 1979 - iop.org
... Fourier **hologram** of a non diffusing uniform aperture ... in the image plane of A. The **rotating** screen introduces ... The capability of such an **interferometer** to perform ...
Web Search - iop.org - adsabs.harvard.edu - csa.com

Holographic **interferometer**, proof against external vibrationsf
S TOYOOKA - OPTICA ACTA, 1982 - taylorandfrancis.metapress.com
... S . Toyooka Figure 1 . Optical arrangement of the holographic common path **interferometer** . ... 1 laterally or by **rotating** the **hologram** around the optical axis . ...
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... In the reconstruction process, the Gabor type **hologram** ampli- tude modulates the incident wavefront so as to produce an image of the original object ...
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T Photographs - Measurements - ampap.uni-hannover.de
... live long enough to reach a **rotatable detector** where they ... pair is used as an atomic **interferometer** with two ... of the Condon vectors) comparable to a **hologram**. ...
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2380557	rotat or rotate or rotating or rotation or rotatable or turn or turnable or turning	US-PGPUB; USPAT	OR	ON	2005/11/29 13:15
L2	1267063	detector or detecting or detection or detect or "ccd" or camera	US-PGPUB; USPAT	OR	ON	2005/11/29 13:16
L3	278936	1 same 2	US-PGPUB; USPAT	OR	ON	2005/11/29 11:06
L4	3414330	reference	US-PGPUB; USPAT	OR	ON	2005/11/29 13:13
L5	2843058	object	US-PGPUB; USPAT	OR	ON	2005/11/29 13:13
L6	251483	3 and 4	US-PGPUB; USPAT	OR	ON	2005/11/29 11:09
L7	193436	6 and 5	US-PGPUB; USPAT	OR	ON	2005/11/29 11:09
L8	50622	beamsplitter or (beam adj (split or splitter or splitting))	US-PGPUB; USPAT	OR	ON	2005/11/29 13:15
L9	11599	7 and 8	US-PGPUB; USPAT	OR	ON	2005/11/29 11:09
L10	178610	pixel or pixelated	US-PGPUB; USPAT	OR	ON	2005/11/29 13:17
L11	2784	9 and 10	US-PGPUB; USPAT	OR	ON	2005/11/29 11:15
L12	694225	interfer or interfere or interfering or interference or interferometer or interferometric or interferometrically or interferogram	US-PGPUB; USPAT	OR	ON	2005/11/29 11:15
L13	6135	9 and 12	US-PGPUB; USPAT	OR	ON	2005/11/29 11:15
L14	1685	13 and 10	US-PGPUB; USPAT	OR	ON	2005/11/29 11:15
L15	586	"356"/$.ccls. and 14	US-PGPUB; USPAT	OR	ON	2005/11/29 11:16
L16	27317	holography or holograph or holographic or hologram	US-PGPUB; USPAT	OR	ON	2005/11/29 13:16
L17	706272	digital or digitize or digitally	US-PGPUB; USPAT	OR	ON	2005/11/29 11:16
L18	1519803	space or spatial or spatially	US-PGPUB; USPAT	OR	ON	2005/11/29 11:16
L19	9460	heterodyne or heterodyning or heterodyned	US-PGPUB; USPAT	OR	ON	2005/11/29 11:16
L20	729	L18 same L19	US-PGPUB; USPAT	OR	ON	2005/11/29 11:16

L21	131	L16 and L20	US-PGPUB; USPAT	OR	ON	2005/11/29 11:16
L22	71	L17 and L21	US-PGPUB; USPAT	OR	ON	2005/11/29 12:19
L23	7	22 and 14	US-PGPUB; USPAT	OR	ON	2005/11/29 11:22
L24	1	("20040066518").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/29 12:19
L25	0	("2004/0066518").URPN.	USPAT	OR	ON	2005/11/29 13:00
L26	885112	rotat or rotate or rotating or rotation or rotatable or turn or turnable or turning	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:12
L27	1121868	detector or detecting or detection or detect or "ccd" or camera	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:12
L28	14268	beamsplitter or (beam adj (split or splitter or splitting))	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:13
L29	11001	holography or holograph or holographic or hologram	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:13
L30	137273	26 and 27	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:13
L31	715	30 and 28	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:13
L32	282424	object	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:13
L33	274084	reference	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:13
L34	85	31 and 32	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:14
L35	17	34 and 33	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:14
L36	8	31 and 29	EPO; JPO; IBM_TDB	OR	ON	2005/11/29 13:15
L37	3651	(beamsplitter or (beam adj (split or splitter or splitting))).clm.	US-PGPUB	OR	ON	2005/11/29 13:15
L38	122051	(rotat or rotate or rotating or rotation or rotatable or turn or turnable or turning).clm.	US-PGPUB	OR	ON	2005/11/29 13:16
L39	152746	(detector or detecting or detection or detect or "ccd" or camera).clm.	US-PGPUB	OR	ON	2005/11/29 13:16
L40	2598	(holography or holograph or holographic or hologram).clm.	US-PGPUB	OR	ON	2005/11/29 13:16
L41	879	37 and 38	US-PGPUB	OR	ON	2005/11/29 13:16
L42	414	41 and 39	US-PGPUB	OR	ON	2005/11/29 13:16
L43	52	42 and 40	US-PGPUB	OR	ON	2005/11/29 13:18
L44	24839	(pixel or pixelated).clm.	US-PGPUB	OR	ON	2005/11/29 13:17

L45	8	43 and 44	US-PGPUB	OR	ON	2005/11/29 13:17
S1	319	"ddh" or (direct adj "to" adj digital adj holography)	US-PGPUB; USPAT	OR	ON	2005/09/09 17:06
S2	26385	holography or holograph or holographic or hologram	US-PGPUB; USPAT	OR	ON	2005/09/09 16:24
S3	681694	digital or digitize or digitally	US-PGPUB; USPAT	OR	ON	2005/09/09 16:24
S4	58245	fourier	US-PGPUB; USPAT	OR	ON	2005/09/09 16:24
S5	1483796	space or spatial or spatially	US-PGPUB; USPAT	OR	ON	2005/09/09 16:24
S6	9250	heterodyne or heterodyning or heterodyned	US-PGPUB; USPAT	OR	ON	2005/09/09 16:25
S7	708	S5 same S6	US-PGPUB; USPAT	OR	ON	2005/09/09 16:25
S8	128	S2 and S7	US-PGPUB; USPAT	OR	ON	2005/09/09 16:25
S9	70	S3 and S8	US-PGPUB; USPAT	OR	ON	2005/09/09 16:27
S10	47	S4 and S9	US-PGPUB; USPAT	OR	ON	2005/09/09 16:25
S11	1	("6078392").PN.	US-PGPUB; USPAT	OR	ON	2005/09/09 17:02
S12	19	("20040021871"|"20040042015"|"20040042056"|"20040057089"|"20040130762"|"4812042"|"5299035"|"5339152"|"5410397"|"5515183"|"5671042"|"5877873"|"5995251"|"6078392"|"6262818"|"6525821"|"6597446"|"6747771"|"6809845").PN.	US-PGPUB; USPAT	OR	ON	2005/09/09 17:02
S13	3332573	reference	US-PGPUB; USPAT	OR	ON	2005/09/09 17:06
S14	2789556	object	US-PGPUB; USPAT	OR	ON	2005/09/09 17:06
S15	171147	pixel or pixelated	US-PGPUB; USPAT	OR	ON	2005/11/29 11:14
S16	1349866	rotat or rotate or rotating or rotation or rotatable	US-PGPUB; USPAT	OR	ON	2005/09/19 15:57
S17	2211828	S13 and S14	US-PGPUB; USPAT	OR	ON	2005/09/09 17:07
S18	1121272	detector or detecting or detection or detect	US-PGPUB; USPAT	OR	ON	2005/09/09 17:07
S19	38416	S15 same S18	US-PGPUB; USPAT	OR	ON	2005/09/09 17:25
S20	131465	S16 same S18	US-PGPUB; USPAT	OR	ON	2005/09/09 17:26

S21	2211828	S13 and S14	US-PGPUB; USPAT	OR	ON	2005/09/09 17:27
S22	97107	S20 and S21	US-PGPUB; USPAT	OR	ON	2005/09/09 17:28
S23	9606	S22 and S15	US-PGPUB; USPAT	OR	ON	2005/09/09 17:31
S24	295259	focus or foci or focal	US-PGPUB; USPAT	OR	ON	2005/09/09 17:31
S25	972623	plane	US-PGPUB; USPAT	OR	ON	2005/09/09 17:31
S26	55650	S24 same S25	US-PGPUB; USPAT	OR	ON	2005/09/09 17:31
S27	2235	S23 and S26	US-PGPUB; USPAT	OR	ON	2005/09/09 17:33
S28	440	"356"/$.ccls. and S27	US-PGPUB; USPAT	OR	ON	2005/09/09 17:34
S29	415	S27 and S2	US-PGPUB; USPAT	OR	ON	2005/09/09 17:34
S30	83	"356"/$.ccls. and S29	US-PGPUB; USPAT	OR	ON	2005/09/09 17:34
S31	2335851	rotat or rotate or rotating or rotation or rotatable or turn or turnable or turning	US-PGPUB; USPAT	OR	ON	2005/09/19 15:57
S32	26468	holography or holograph or holographic or hologram	US-PGPUB; USPAT	OR	ON	2005/09/19 15:57
S33	3340486	reference	US-PGPUB; USPAT	OR	ON	2005/09/19 15:57
S34	2794791	object	US-PGPUB; USPAT	OR	ON	2005/09/19 15:57
S35	1124467	detector or detecting or detection or detect	US-PGPUB; USPAT	OR	ON	2005/11/29 11:05
S36	296248	focus or foci or focal	US-PGPUB; USPAT	OR	ON	2005/09/19 15:58
S37	690737	S31 and S35	US-PGPUB; USPAT	OR	ON	2005/09/19 15:59
S38	10598	S37 and S32	US-PGPUB; USPAT	OR	ON	2005/09/19 15:59
S39	10059	S38 and S33	US-PGPUB; USPAT	OR	ON	2005/09/19 15:59
S40	8098	S39 and S34	US-PGPUB; USPAT	OR	ON	2005/09/19 16:00
S41	5395	S40 and S36	US-PGPUB; USPAT	OR	ON	2005/09/19 16:00
S42	49388	beamsplitter or (beam adj (splitter or splitting or split))	US-PGPUB; USPAT	OR	ON	2005/09/19 16:00

S43	2507	S41 and S42	US-PGPUB; USPAT	OR	ON	2005/09/19 16:00
S44	171887	pixel or pixelated	US-PGPUB; USPAT	OR	ON	2005/09/19 16:01
S45	799	S43 and S44	US-PGPUB; USPAT	OR	ON	2005/09/19 16:01
S46	189	"356"/$.ccls. and S45	US-PGPUB; USPAT	OR	ON	2005/09/19 16:01